

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	14465	(faucet tap).ti,ab. and (filter\$3 filtration purify\$3 purification b01d0\$6 "210".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 13:03
L2	12014	(faucet tap).ti,ab. and ((filter\$3 filtration purify\$3 purification).ab,ti. b01d0\$6 "210".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 13:03
L3	3302	2 and (valv\$3 switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 13:03
L4	18	3 and (germicidal germicide sinter\$5 near3 magnetic\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 13:04
S4	988	b01d035/04	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/16 13:02
S5	21	S4 and valv\$3 near3 select\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 16:12
S6	4	S4 and (switch\$3 valv\$3) near3 select\$4 and raw and (straight shower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 10:49
S7	0	S6 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 10:47
S8	35	S4 and (switch\$3 valv\$3) and (unfiltered raw) and (straight shower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:09

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S9	31	S8 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:04
S10	2410	e03c001/086 a47k003/28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:07
S11	32	S10 and (switch\$3 valv\$3) and (unfiltered raw) and (straight shower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:07
S12	26	S11 not (S9 S5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:05
S13	3276	e03c001/042	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:07
S14	16	S13 and (switch\$3 valv\$3) and (unfiltered raw) and (straight shower)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:07
S15	116	S4 and (switch\$3 valv\$3) and (unfiltered raw)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:09
S16	75	S15 not (S5 S9 S12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 11:18
S17	8	("20020152549" "4107046" "51582 34" "5252206" "5858215" "6093313 " "6179130" "6368503").PN.	US-PGPUB; USPAT	OR	ON	2004/09/07 11:18
S18	2	"6179130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/09/07 16:12

## EAST Search History

S19	49	("0953637"   "0966181"   "1078939"   "1934159"   "2019319"   "2392319"   "3144878"   "3190312"   "3504703"   "3595474"   "3780869"   "3822018"   "4107046"   "4172796"   "4378029"   "4379053"   "4504389"   "4522373"   "4686037"   "4770768"   "4805245"   "4863103"   "4980073"   "5056562"   "5102543"   "5126041"   "5127427"   "5151179"   "5158234"   "5192436"   "5510031"   "5525214"   "5527451"   "5545322"   "5634220"   "5699832"   "5744033"   "5823229"   "5989425"   "D368956").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/09/07 16:17
S20	27	("0712868"   "0738486"   "0816517"   "1835865"   "2334791"   "3637083"   "3690565"   "3722800"   "3743188"   "3895643"   "4107046"   "4242201"   "4863103"   "4982900"   "5008011"   "5020569"   "5145093"   "5152464"   "5171429"   "5279329"   "5370314"   "5385667").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/09/07 16:24
S21	18	("5152464").URPN.	USPAT	OR	ON	2004/09/07 16:28
S22	2	("5823229" "5169528").PN.	US-PGPUB; USPAT	OR	ON	2005/02/02 14:27
S23	8	("6368503" "6093313" "6179130" "4107046" "20020152549" "5252206" "5158234" "5858215").PN.	US-PGPUB; USPAT	OR	ON	2005/02/02 14:27
S24	27	(US-5158234-\$ or US-5823229-\$ or US-6093313-\$ or US-6179130-\$ or US-6368503-\$ or US-6537455-\$ or US-5169528-\$).did. or (JP-03154685-\$ or JP-04029709-\$ or JP-05007868-\$ or JP-05317853-\$ or JP-06154741-\$ or JP-07108261-\$ or JP-07308665-\$ or JP-09100923-\$ or JP-09108665-\$ or JP-09168708-\$ or JP-09280384-\$ or JP-10005749-\$ or JP-10113654-\$ or JP-62140693-\$).did. or (JP-61216792-\$ or JP-06312180-\$ or EP-798424-\$ or JP-09290255-\$ or US-5823229-\$ or US-5976362-\$).did.	USPAT; JPO; DERWENT	OR	ON	2005/02/02 14:36

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S25	21	S24 not (S22 S23)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 14:39
S26	1322	e03c001/\$3 and f16k011/\$3 and (water co2f001/28)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 14:40
S27	269	S26 and shower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:48
S28	27	S27 and (filter\$3 filtration purification purif\$4 screening)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:01
S29	32	210/433.1.ccls. and 210/460,449. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:17
S30	25	210/433.1.ccls. and 210/460,449. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:07
S31	10	210/434.ccls. and 210/460,449.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:08
S32	8	S31 not S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:07
S33	208	210/434.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:09
S34	198	S33 not S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:09
S35	47	210/420,422,423.ccls. and 210/460, 449.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 15:17

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S36	32	210/420,422,423.ccls. and 210/460, 449.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:10
S37	1	"5252206".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/02/02 17:10
S38	1322	e03c001/\$3 and f16k011/\$3 and (water co2f001/28)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:48
S39	269	S38 and shower	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:48
S40	8	S39 and ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:49
S41	0	germicid\$2 near2 ceramic near3 (silver copper Ag cu)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:50
S42	1	(microcide bacteria virus) near2 ceramic near3 (silver copper Ag cu)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:52
S43	4	cecil-t\$.xa,xp. and straw	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:52
S44	107	(microcide bacteria\$6 virus germicide) near2 ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:56
S45	0	S44 and 210/449,460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:53

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S46	15	S44 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:56
S47	290	(antimicrobial microcide bacteria\$6 virus germicide) near2 ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:57
S48	15	S47 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:57
S49	740	(antimicrobial microcide bacteria\$6 virus germicide) near6 ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:57
S50	84	S49 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 17:57
S51	69	S50 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 18:10
S52	52	"210".clas. and silver near3 ceramic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/02/02 18:11
S53	24	("20020152549" "4107046" "4540489" "5158234" "5169528" "5252206" "5823229" "5858215" "6093313" "6179130" "6368503").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/22 16:30
S54	3	10/019297	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/22 16:30
S55	313	(unfiltered raw) adj2 (flow water) and (purified filtered) adj2 (flow water) and (valve switch actuator) and (shower spray)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:26

## EAST Search History

S56	370	(unfiltered raw) adj2 (flow water) and (purified filtered) adj2 (flow water) and (valve switch actuator) and (shower spray\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:56
S57	1290	kabushiki and kaisha and kitamura	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:57
S58	210	S57 and "1996"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/31 17:59
S59	10	E03C001/086 and A47K003/22 and B05B001/18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/02 07:20
S60	3	(E03C001/086 A47K003/22 B05B001/18) and @pd="19960313"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/02 07:31
S61	2	"08009254"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/02 07:31
S62	0	"08009254Y"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/02 07:31
S63	2	"07011798"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/08/02 07:36
S64	3	10/019297	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:40

## EAST Search History

S65	2	"5252206".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/01/16 11:41
S66	35	(US-20020152549-\$ or US-20050072722-\$).did. or (US-6093313-\$ or US-4107046-\$ or US-6537455-\$ or US-6368503-\$ or US-6179130-\$ or US-5158234-\$ or US-5858215-\$ or US-5823229-\$ or US-5169528-\$ or US-4540489-\$). did. or (EP-150559-\$).did. or (JP-04029709-\$ or JP-07308665-\$ or JP-05317853-\$ or JP-03154685-\$ or JP-09100923-\$ or JP-10005749-\$ or JP-62140693-\$ or JP-06154741-\$ or JP-09280384-\$ or JP-10113654-\$ or JP-09108665-\$ or JP-09168708-\$ or JP-05007868-\$ or JP-07108261-\$ or JP-11044370-\$ or JP-04122493-\$).did. or (JP-06312180-\$ or EP-798424-\$ or JP-61216792-\$ or JP-09290255-\$ or US-5976362-\$ or US-5823229-\$). did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/16 12:45
S67	1	S66 and copper	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/16 12:55
S68	2	"6395172".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/16 12:55